

Amendments to the Claims:

This listing of the claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently amended) A method for treating diabetes, which ~~comprises~~ essentially consists of the steps of:

~~(a) administering one or more stem cell-recruiting colony-stimulating factors as active ingredients to a diabetic patient in need thereof in an amount sufficient to regenerate or promote regeneration of;~~ and ~~(b) regenerating  $\beta$ -cells in pancreatic Langerhans' islets of said patient.~~

Claims 2-3 (Cancelled)

4. (Currently amended) A method for regenerating  $\beta$ -cells in pancreatic Langerhans' islets, which ~~comprises~~ essentially consists of

administering one or more stem cell-recruiting colony-stimulating factors as active ingredients to a diabetic patient in need thereof in an amount sufficient to provide or promote said regeneration.

Claims 5-6 (Cancelled)

7. (Currently amended) A method for preventing  $\beta$ -cell disruption in pancreatic Langerhans' islets, which

~~comprises~~ essentially consists of

administering one or more ~~stem-cell-recruiting~~ colony-stimulating factors as active ingredients to a diabetic patient in need thereof in an amount sufficient to provide or promote said preventing.

Claims 8-9 (Cancelled)

10. (Currently amended) A method for producing pancreatic Langerhans  $\beta$ -cells, which comprises the steps of:

(a) collecting stem cells after administering one or more ~~stem-cell-recruiting~~ colony-stimulating factors to a diabetic patient in need thereof; and

(b) differentiating the collected stem cells into pancreatic Langerhans  $\beta$ -cells.

Claims 11 -14 (Cancelled)

15. (Currently amended) The method for producing pancreatic Langerhans  $\beta$ -cells according to claim ~~11~~ 10, wherein the colony-stimulating factor is granulocyte colony-stimulating factor.

16. (Currently amended) A method for treating diabetes, which ~~comprises~~ essentially consists of the steps of:

~~(a)~~ administering one or more ~~stem-cell-recruiting~~ colony-stimulating factors as active ingredients to a diabetic patient in need thereof in amount sufficient ~~(b) — preventing~~ to prevent or inhibit  $\beta$ -cell disruption in pancreatic Langerhans' islets.

17. (New) The method for treating diabetes according to claim 16, wherein the colony-stimulating factor is granulocyte colony-stimulating factor.

18. (New) The method for treating diabetes according to claim 1, wherein the colony-stimulating factor is granulocyte colony-stimulating factor.

19. (New) The method for regenerating  $\beta$ -cells in pancreatic Langerhans' islets according to claim 4, wherein the colony-stimulating factor is granulocyte colony-stimulating factor.

20. (New) The method for preventing  $\beta$ -cell disruption in pancreatic Langerhans' islets according to claim

7, wherein the colony-stimulating factor is granulocyte colony-stimulating factor.

21. (New) A method for treating diabetes, which comprises the steps of:

(a) administering one or more colony-stimulating factors as active ingredients to a diabetic patient in need of regenerating  $\beta$ -cells in pancreatic Langerhans' islets; and

(b) administering to the patient a diabetic drug selected from the group consisting of sulphonylurea drugs, biguanide drugs and thiazolysine derivative drugs.

22. (New) A method for treating diabetes, which comprises the steps of:

(a) administering one or more colony-stimulating factors as active ingredients to a diabetic patient in need of preventing or inhibiting  $\beta$ -cells disruption in pancreatic Langerhans' islets; and

(b) administering to the patient a diabetic drug selected from the group consisting of sulphonylurea drugs, biguanide drugs and thiazolysine derivative drugs.